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- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE];** Stein-
damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS ELECTRONICS N. V.
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven
(NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HILBIG, Rainer**
[DE/DE]; c/o Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE). **SCHOLL,**
Robert, Peter [DE/DE]; c/o Philips Intellectual Property
& Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) Agent: **MEYER, Michael;** Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
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(54) Title: **LOW-PRESSURE GAS DISCHARGE LAMP WITH ALKALINE EARTH CHALCOGENIDES AS ELECTRON
EMITTER MATERIAL**

(57) Abstract: A description is given of a low-pressure gas discharge lamp equipped with a gas discharge vessel containing, as a buffer gas, an inert gas filling and an indium halogenide, thallium halogenide, gallium halogenide and/or copper halogenide, and with electrodes and means for generating and maintaining a low-pressure gas discharge, and which comprises one or more chalcogenides of alkaline earth metals as electron emitter material.

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